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Docket No.: 14090-00003-US1
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Dizhong Chen et al.

Application No.: 10/572,958

Filed: March 21, 2006

For: BENZIMIDAZOLE DERIVATIVES:
PREPARATION AND PHARMACEUTICAL
APPLICATIONS

Confirmation No.:

Art Unit: N/A

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

A summary/abstract translation of the non-English language references is enclosed.

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark

Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 22-0185, under Order No. 14090-00003-US1. A duplicate copy of this paper is enclosed.

Dated: July 13, 2006

Respectfully submitted,

By Mark J. Pino
Mark J. Pino
Registration No.: 43,858
CONNOLLY BOVE LODGE & HUTZ LLP
1990 M Street, N.W., Suite 800
Washington, DC 20036
(202) 331-7111
(Fax)
Attorney for Applicant

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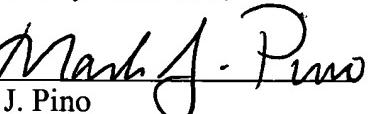
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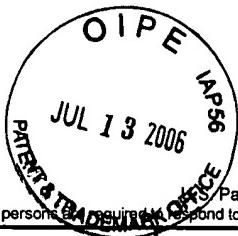
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(Fax)
Attorney for Applicant



PTO/SB/08a/b (07-05)

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Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	10/572,958
				Filing Date	March 21, 2006
				First Named Inventor	Dizhong Chen
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	3	Attorney Docket Number	14090-00003-US1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)	MM-DD-YYYY		
	1	US 6,552,065	04-22-03	Remiszewski et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY		
	2	WO-2000/042022	07-20-2000	Warner-Lambert Co. et al.	
	3	WO-2003/077855	09-25-2003	Array Biopharma, Inc. et al.	
	4	WO-2003/077914	09-25-2003	Array Biopharma, Inc. et al.	
	5	WO-2003/087089	10-23-2003	Teijin Limited et al.	
	6	WO-2003/000682	01-03-2003	Merck & Co., Inc. et al.	
	7	WO-2003/000254	01-03-2003	Japan Tobacco Inc. et al.	
	8	WO-2002/050062	06-27-2002	Neurogen Corporation et al.	
	9	WO-2001/047883	07-05-2001	Japan Tobacco Inc. et al.	
	10	WO-2001/005390	01-25-2001	Warner-Lambert Co. et al.	
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	15	WO-2003/066579	08-14-03	AXYS Pharmaceuticals	
	16	WO-2001/38322	05-31-01	Methylgene, Inc.	

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NON PATENT LITERATURE DOCUMENTS					
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	17	Wade, P.A. "Transcriptional control at regulatory checkpoints by histone deacetylases: molecular connections between cancer and chromatin" Hum. Mol. Genet. Vol. 10, No. 7, pgs. 693-698 (2001)			
	18	De Ruijter, A.J.M. et al, "Histone deacetylases (HDACs): characterization of the classical HDAC family" Biochem. J., 370, pgs. 737-749 (2003)			
	19	Richon, V.M. et al, "Second generation hybrid polar compounds are potent inducers of transformed cell differentiation" Proc. Natl. Acad. Sci. USA, Vol. 93: pgs. 5705-5708 (1996)			
	20	Richon, V.M. et al, "A class of hybrid polar inducers of transformed cell differentiation inhibits histone deacetylases" Proc. Natl. Acad. Sci. USA, Vol. 95: pgs. 3003-3007 (1998)			

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	21	Butler, L.M. et al, "Suberoylanilide hydroxamic acid, an inhibitor of histone deacetylase, suppresses the growth of prostate cancer cells in vitro and in vivo", Cancer Res. 60, 5165-5170 (2000)			
	22	Yoshida, M. et al, "Potent and Specific Inhibition of Mammalian Histone Deacetylase Both <i>in Vivo</i> and <i>in Vitro</i> by Trichostatin A" J. Biol. Chem., Vol. 265, No. 28, pgs. 17174-17179 (1990)			
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	24	Bouchain, G. et al, "Development of Potential Antitumor Agents. Synthesis and Biological Evaluation of a New Set of Sulfonamide Derivatives as Histone Deacetylase Inhibitors" J. Med. Chem., 46, 820-830 (2003)			
	25	Steffan, J.S. et al, "Histone deacetylase inhibitors arrest polyglutamine-dependent neurodegeneration in <i>Drosophila</i> " Nature, Vol. 413, pgs. 739-743, 18 October, 2001			
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	34	B. Heltweg and M. Jung, "A Microplate Reader-Based Nonisotopic Histone Deacetylase Activity Assay" Anal. Biochem. 2002, Vol. 302, pgs. 175-183			

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	35	Ito et al, "A Molecular Mechanism of Action of Theophylline: Induction of Histone Deacetylase Activity to Decrease Inflammatory Gene Expression" Proc. Natl. Acad. Sci. USA 2002, Vol. 99, No. 13, pgs. 8921-8926		
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